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IDEA-1111

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8 MAR 1963

MEMORANDUM FOR: Acting Director, OSA-DD/R

SUBJECT : DC Generator on U-2 Aircraft
Equipped with ECM SystemsREFERENCE : Memo for ADD/R from DAD/OSA-DD/R, Dated
1 March 1963, Subject: "ALQ-49 Problem Area"

25X1A2g

25X1A5a2

1. I discussed this problem thoroughly with [REDACTED] during my visit to LAC, 1 March 1963. He has re-evaluated the ECM power requirement based on the most recent inputs from [REDACTED] Company. He has recommended immediate installation of the 500 amp [REDACTED] generator in all ECM equipped aircraft. This generator has been tested for over 150 hours in Article 359 and is now deemed to be completely reliable. It has a proven output of 290 amps under our operating conditions. [REDACTED] study and conclusions completely reverse a previous study conducted [REDACTED] in which the latter concluded that our present 400 amp generator was adequate for the ECM Systems.)

2. I have agreed with his recommendation and have authorized him to equip Article 358 with a spare 500 amp generator currently in stock at Detachment G. This modification will be completed by 7 March. In addition, I have authorized the procurement of 2 more 500 amp generators for spares.

3. [REDACTED] is also investigating a new 400 amp generator produced by [REDACTED] offered to guarantee this generator for 600 hours at a 300 amp output under our operating conditions. A two-week environmental test is being conducted at [REDACTED] the results of which will be furnished to LAC. A decision will be made at that time whether to standardize on the 500 amp [REDACTED] or the 400 amp [REDACTED]

25X1A9a SIGNED

[REDACTED]
Materiel Division
OSA-DD/R

25X1A9a

MD/OSA-DD/[REDACTED] ad

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